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Application No. : **2,438,382**
Owner : SAMSUNG ELECTRONICS CO., LTD.
Title : OAM CAPABILITY DISCOVERY METHOD IN ETHERNET
 PASSIVE OPTICAL NETWORK
Classification : H04B 10/02 (2006.01)
Your File No. : **15235-8**
Examiner : Leah Smith

YOU ARE HEREBY NOTIFIED OF A REQUISITION BY THE EXAMINER IN ACCORDANCE WITH SUBSECTION 30(2) OF THE PATENT RULES. IN ORDER TO AVOID ABANDONMENT UNDER PARAGRAPH 73(1)(A) OF THE PATENT ACT, A WRITTEN REPLY MUST BE RECEIVED WITHIN 6 MONTHS AFTER THE ABOVE DATE.

This application has been examined taking into account applicant's correspondence received in this office on November 30, 2004 and January 10, 2005.

The number of claims in this application is 12.

The examiner has identified the following defects in the application:

A search of the prior art has revealed the following:

Reference Applied:

Publication Patent Document

Haran et al, "MPCP: Auto Discovery", IEEE 802.3ah Ethernet in the First Mile Task Force, January 2002 presentation material (<http://www.ieee802.org/3/efm/public/jan02/index.html>).

Haran et al disclose the auto-discovery protocol between an OLT and its ONU wherein the OLT send a GATE message (containing the OLTs optional capabilities) that creates a transmission opportunity to unregistered devices, ONUs respond with a REGISTER_REQUEST (containing the ONUs optional capabilities, and an echo of the OLT capabilities), the OLT then responds with a REGISTER message echoing the ONUS capabilities, and the ONU sends back a REGISTER_ACK message at the first grant opportunity.

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Claims 1-12 do not comply with section 28.3 of the *Patent Act*. The subject matter of these claims would have been obvious on the claim date to a person skilled in the art or science to which they pertain having regard to Haran et al.

Claim 12 does not comply with subsection 87(1) of the *Patent Rules* for failing to state additional features.

Figure 1 should be labelled "prior art".

In view of the foregoing defects, the applicant is requisitioned, under subsection 30(2) of the *Patent Rules*, to amend the application in order to comply with the *Patent Act* and the *Patent Rules* or to provide arguments as to why the application does comply.

Leah Smith
Patent Examiner
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